10543050 - GAU: 2822 FORM BTO-1449/A and B (modified PTO/SB/08) APPLICATION NO.: 10/543,050 ATTY. DOCKET NO.: \$1459.70081US00 July 21, 2005 CONFIRMATION NO.: 2592 FILING DATE: Kenichi Ishibashi et al. STATEMENT BY APPLICANT APPLICANT: GROUP ART UNIT: 1745 EXAMINER: unknown of 2 Sheet

| Examiner's Initials # | Cite No. | U.S. Patent Docu | ment | Name of Patentee or Applicant of Cited | Date of Publication or Issue of Cited Document MM-DD-YYYY | |
|--------------------------|-------------|------------------|--------------|--|---|--|
| | | Number | Kind Code | Document | | |
| | | 6,376,765 | B1 | Wariishi et al. | 04-2002 | |
| | | 6,586,670 | B2 | Yoshikawa, Masaru | 07-2003 | |
| | | 6,602,998 | | Kobuke et al. | 08-05-2003 | |
| | | 6,766,817 | | Elson Silva | 07-27-2004 | |
| | | 5,940,550 | | Plickert et al. | 08-17-1999 | |
| | | 6,911,595 | | Yoshikawa et al. | 06-2005 | |
| | | US2004/0251508 | A1 | Takashi Tomita | 12-16-2004 | |
| | | US2005/0218467 | A1 | Takashi Tomita | 10-06-2005 | |
| | | US2006/0048812 | A1 | Takashi Tomita | 03-09-2006 | |
| | | US2005/0224112 | A1 | Yuichi Tokita et al. | 10-13-2005 | |
| | | US2006/0084257 | A1 | Yuichi Tokita | 04-20-2006 | |
| | | US2005/0016578 | A1 | Masashi Enomoto | 01-27-2005 | |
| | | US2004/0250267 | A 1 | Hideaki Tsutsumi et al. | 12-09-2004 | |
| | | US2004/0202064 | A1 | Inoue et al. | 10-14-2004 | |
| | | US2005/0022221 | A1 | Inatani et al. | 01-27-2005 | |
| | | US2006/0137739 | A1 | Imoto et al. | 06-29-2006 | |
| | | US2002/0031080 | A1 | Inoue | 03-14-2002 | |
| | | US2003/0183271 | A1 | Ikeda et al. | 10-02-2003 | |

FOREIGN PATENT DOCUMENTS

| F | Cito | Foreign Patent Document | | | Name of Patentee or Applicant of Cited | Date of Publication of | Translation |
|--------------------------|-------------|-------------------------|---------------|--------------|--|---------------------------|-------------|
| Examiner's Initials # | Cite No. | Office/ Country | Number | Kind Code | Document | Cited Document MM-DD-YYYY | (Y/N) |
| • | | Japan | JP10-255863 | Α | | 09-25-1998 | N |
| | | Japan | JP2001-93591 | Α | | 04-06-2001 | N |
| | | Japan | JP2000-106222 | Α | | 04-11-2000 | N |
| | | Japan | JP2002-352870 | Α | | 12-06-2002 | N |
| | | Japan | JP2002-352869 | Α | | 12-06-2002 | N |
| | | Japan | JP2002-352868 | Α | | 12-06-2002 | N |
| | | Japan | JP2002-289274 | Α | | 10-04-2002 | N |
| | | Japan | JP11-354169 | Α | | 12-24-1999 | N |
| | | Japan | JP2001-253883 | A | | 09-18-2001 | N |
| | | Japan. | JP2002-25635 | A | Japan Science and Technology Corp. | 01-02-2002 | N |
| | | Japan | JP2002-8741 | Α | Fuji Photo Film Co., Ltd. | 01-11-2002 | N |
| | | Japan | JP2000-285975 | Α | | 10-13-2000 | N |
| | l | Japan | JP2000-195569 | Α | | 07-14-2000 | N |
| | | Japan | JP2001-143771 | Α | | 05-25-2001 | N |
| | | Japan | JP2002-222971 | Α | | 08-09-2002 | N |

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /C.N./

| | 18927 18927 | | | | | 10543050 - GAU: 28 |
|-------|-----------------------------------|--------|--------------|------------------|-----------------|------------------------------------|
| | JUL 2 5 7000 (0-1449/A and 187 /m | odifie | d PTO/SD/08) | APPLICATION NO.: | 10/542,193 | ATTY. DOCKET NO.: \$1459.70081US00 |
| \'4 | DRIVENTION I | | • | FILING DATE: | July 15, 2005 | CONFIRMATION NO.: 2693 |
| | TEMENT BY | | | APPLICANT: | Masahiro Morook | a |
| | | | | GROUP ART UNIT: | 1753 | EXAMINER: unknown |
| Sheet | 2 | of | 2 | | | |

1011 15 >

| Examiner's | Cite No. | Foreign Patent Document | | | Name of Patentee or Applicant of Cited | Date of Publication of | Translation |
|------------|-------------|-------------------------|---------------|--------------|--|---------------------------|-------------|
| Initials # | | Office/ Country | Number | Kind Code | Document Document | Cited Document MM-DD-YYYY | (Y/N) |
| _ | | Europe | EP 1 100 086 | A2 | Sony Corporation | 05-16-2001 | |
| | | Europe | EP 1 152 418 | A1 | Sony Corporation | 11-07-2001 | |
| | | Europe | EP 1 058 260 | A1 | Sanyo Electric Co., Ltd. | 12-06-2000 | |
| | | Europe | EP 1 431 971 | A1 | Sony Corporation | 06-23-2004 | |
| | | Europe | EP 1 156 488 | A2 | Sony Corporation | 11-21-2001 | |
| | | Japan | JP2002-8740 | Α | 5 | 01-11-2002 | |
| | | Japan | JP2002-319689 | Α | Sharp Corp. | 10-31-2002 | |
| | | Japan | JP2000-231942 | Α | Nikon Corp. | 08-22-2000 | |
| <u>-</u> | | Japan | JP2002-175843 | Α | Japan Gore-Tex, Inc. | 06-21-2002 | |
| | | Japan | JP2002-353432 | Α | Fuji Photo Film Co., Ltd. | 12-06-2002 | |

OTHER ART — NON PATENT LITERATURE DOCUMENTS

| | | | DITERATURE DOCUMENTS | | | | | | |
|--------------------------|------------|--|--|-------------------|--|--|--|--|--|
| Examiner's Initials # | Cite No | (book, magazine, journal, serial, symposium, cata | ERS), title of the article (when appropriate), title of the item log, etc.), date, page(s), volume-issue number(s), publisher, puntry where published. | Translation (Y/N) | | | | | |
| | - | | | <u> </u> | | | | | |
| | | UCHIDA, Satoshi, "Application of Titania Na | | İ | | | | | |
| | | Electrochemistry, June 2002, Vol. 70, No. 6, 1 | | | | | | | |
| | | | ells Using Semiconductor Thin Film Composed of | | | | | | |
| | | Titania Nanotubes," Electrochemistry, June 2 | | | | | | | |
| | | ADACHI, Motonari, "Formation, Characteriz | ation, and Functions of Ceramic Nanotubes," | | | | | | |
| | | Transactions of the Materials Research Society of Japan, September 2002, Vol. 27, No. 3, pp. 505- | | | | | | | |
| | | 508 | | ŀ | | | | | |
| | | NGAMSINLAPASATHIAN, S., "Titania Na | rotube e Machiiru Shikise Zakan Taiyedanchi ne | | | | | | |
| | | Kokoritsuka," The Society of Chemical Engineers, Japan Dai 35 Kai Shaki Taikar Kenkyu Happyo | | | | | | | |
| | | -Koon-Vochichu-August-2002,-p-843 | | | | | | | |
| | | NGAMSINLAPASATHIAN, S., "Higher Efficiency in Dye-Sensitized Solar Cells Using Titania | | | | | | | |
| | | Nanotube,"2002 Nen Denki Kagaku Shuki Taikai Koen Yoshishu, September 2002, p. 138 ADACHI, M., "Formation of Titanium Oxide Nanotubes and Application to Dye Sensitized Solar | | | | | | | |
| | *** | | | | | | | | |
| | ю | | Dai 68 Kai Taikai Koon Yoshishu, March 2001, p. | | | | | | |
| | | neprofreguence | | | | | | | |
| | 000000 | MURATA, Y., The Synthetic Conditions of Titania Nanotubes Using Template of Molecular | | | | | | | |
| | 2000 | Assemblies," CSI: The Chemical Society of Japan Dai 82 Shuki Nonkai Koon Yokoshu, September | | | | | | | |
| | 10000 | -2002, p. 178 | | | | | | | |
| | | E-mail from Silva, E; "US 20060107994 - Requesting IDS of 6,766,817"; May 25, 2006 | | | | | | | |
| | | E-mail from Silva, E; "US 20050016578 - Requesting IDS of 6,766,817"; May 25, 2006 | | | | | | | |
| EXAMINER: | | , <u> </u> | DATE CONSIDERED: | · | | | | | |
| /Christy Novacek/ | | acek/ | 02/23/2009 | | | | | | |

^{*} EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

[NOTE – No copies of U.S. patents, published U.S. patent applications, or pending, unpublished patent applications stored in the USPTO's Image File Wrapper (IFW) system, are included. See 37 CFR §1.98 and 12870G163. Copies of all other patent(s), publication(s), unpublished, pending U.S. patent applications, or other information listed are provided as required by 37 CFR §1.98 unless 1) such copies were provided in an IDS in an earlier application that complies with 37 CFR §1.98, and 2) the earlier application is relied upon for an earlier filing date under 35 U.S.C. § 120.1 ES CONSIDERED EXCEPT WHERE LINED THROUGH. /C.N./

^{*}a copy of this reference is not provided as it was previously cited by or submitted to the office in a prior application, Serial No. __, filed __, and relied upon for an earlier filing date under 35 U.S.C. 120 (continuation, continuation-in-part, and divisional applications).